

80/579630

AP20 Rec'd PCT/PTO 17 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Ken-ichi KITAYAMA et al. : **Mail Stop: PCT**  
Serial No. NEW : **Attorney Docket No. 2006\_0745A**  
Filed May 17, 2006 :  
OPTICAL SIGNAL PROCESSING :  
METHOD AND DEVICE :  
[Corresponding to PCT/JP2004/017007  
Filed November 16, 2004]

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

Prior to initial examination of the above-identified application, please amend the application as follows:

ATTACHMENT E

**AMENDMENTS TO THE TITLE**

**Please amend the title of the invention as follows:**

~~OPTICAL SIGNAL PROCESSING METHOD AND DEVICE~~ OPTICAL  
SIGNAL PROCESSING DEVICE FOR A/D CONVERTER INCLUDING OPTICAL  
ENCODERS WITH NONLINEAR LOOP MIRRORS